

Please type a plus sign (+) inside this box



PTO/SB/21 (12/97)
Approved for use through 9/30/2009. OMB 0551-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

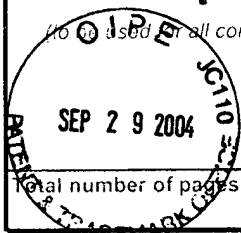


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

2185
20

TRANSMITTAL FORM

(Do not use for all correspondence after initial filing)



Total number of pages in this submission

5

Application Number	10/086,786
Filing Date	February-28, 2002
First Named Inventor	Russell Stuber
Group Art Unit	2185
Examiner Name	
Attorney Docket Number	L13.12-0174 / 01-262

RECEIVED

OCT 05 2004

Technology Center 2100

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and
<input type="checkbox"/> Amendment/Response	<input type="checkbox"/> Licensing-related Paper	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits(s)/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of time request	<input type="checkbox"/> Power of Attorney, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. Return address postcard for PTO mailroom to date stamp.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Individual Name	Sandeep Jaggi, Reg. No. 43,331, Phone: [+1] 408-433-7475
Signature	
Date	9-27-04

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: September 29, 2004	
Typed or printed name	Manu Kashyap, Phone: [+1] 408-433-7475
Signature	
Date	9/29/04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

Patent Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number	10/086,786
Filing Date	February-28, 2002
First Named Inventor	Russell Stuber
Group Art Unit	2185
Examiner Name	
Attorney Docket No.	L13.12-0174 / 01-262

RECEIVED**OCT 05 2004****Technology Center 2100****METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payment to:

Deposit Account Number **12-2252**Deposit Account Number **LSI LOGIC CORPORATION**

- ☒
- Charge Any Additional Fee required Under 37
-
- ☒
- Charge the Issue Fee Set in Mailing of the Notice of

- 2.
- ☐
- Payment Enclosed:

☐ Chec ☐ Money Order ☐ Other
FEE CALCULATION**1. BASIC FILING FEE**

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional Filing fee	

SUBTOTAL (1) (\$) 0.00**2. EXTRA CLAIM FEES**

	Extra Claim	Fee from below	Fee Paid
Total claim	-20** =		
Independent Claims	-3** =		
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
104	270	204	135	Multiple dependent claim, if not paid
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Larg eFee Code	Entit yFee (\$)	Larg eFee Code	Entit yFee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing request for reexamination	
112	920*	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional application	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129)	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129 (b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY**Complete (if applicable)**Typed or printed name **Sandeep Jaggi**Reg. Number **43,331**

Signature

Date

9-27-04

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Page 1 of 1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

SEP 29 2004

Complete if Known

Application Number	10/086,786
Filing Date	February-28, 2002
First Named Inventor	Russell Stuber
Group Art Unit	2185
Examiner Name	
Attorney Docket No.	L13.12-0174 / 01-262

Sheet

2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		6,598,104		Jaramillo et al.	07-22-2003	
		6,397,279		Jaramillo et al.	05-28-2002	
		6,154,800		Vishal Anand	11-28-2000	
		6,076,125		Vishal Anand	06-13-2000	
		5,943,483		Richard L. Solomon	08-24-1999	
		5,579,492		James G. Gay	11-26-1996	
		6,141,715		A. Kent Porterfield	10-31-2000	
		5,345,562		Chang-Lung Chen	09-06-1994	
		5,257,356		Cheung; Cyrus C. (Hercules,	06-10-2003	
		5,931,924		Arimilli et al.	08-03-1999	
		5,845,097		Kang et al.	12-01-1998	
		6,052,763		Teruyuki Maruyama	04-18-2000	

RECEIVED

OCT 05 2004

Technology Center 2100

FOREIGN. PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
		W	WO 963175 A2	Brian A. Childers	11-07-1996	
		EP	EP 737924 A2	Boury et al.	10-16-1996	
		EP	EP 720099 A1	Sapir et al.	07-03-1996	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, caalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where	T
		US 2002/0147871 - Author(s) - Tsuneo Koike	
		US 2002/0062414 - Author(s) - Hoffmann et al.	
		US 2003/0065847 - Author(s) - Goodrum et al.	

Examiner
signature

Date
considered

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO : Assistant Commissioner for Patents, Washington, DC 20231.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

SEP 29 2004

Complete if Known

Application Number	10/086,786
Filing Date	February-28, 2002
First Named Inventor	Russell Stuber
Group Art Unit	2185
Examiner Name	
Attorney Docket No.	L13.12-0174 / 01-262

Sheet 2 of 2

		"Method to improve performance of split-read transactions," Oct. 1, 2000, IBM Technical Disclosure Bulletin, Issue 438, p. 1871	
		US 2004/0114454 - Author(s) - Farmwald et al.	

RECEIVED

OCT 05 2004

Technology Center 2100

Examiner signature		Date considered	
-----------------------	--	--------------------	--